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- (71) Applicant (*for all designated States except US*): **CHEMEQ LTD.** [AU/AU]; Petroleum House, Technology Park, 3 Brodie Hall Drive, Suite 8, Bentley, Western Australia 6102 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **MELROSE, Graham, John, Hamilton** [AU/AU]; 20 Nardina Crescent, Dalkeith, Western Australia 6009 (AU). **DALY, Gerry** [AU/AU]; 16 Aboyne Road, Gooseberry Hill, Western Australia 6076 (AU). **HUXHAM, Andrew, James** [AU/AU]; 30 Stedham Way, Balga, Western Australia 6061 (AU).
- (74) Agent: **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, VIC 3000 (AU).
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(54) Title: **ANTIMICROBIAL POLYMERIC COMPOSITIONS**

(57) Abstract: A method for the preparation of polymers derived from acrolein and including poly(2-propenal, 2-propenoic acid), characterised in that the polymers are exposed to the presence of water, whereby such polymers exhibit increased antimicrobial activity. The polymers may be heated in the range of 40 to 150 °C. Further, the polymers may be prepared in the presence of polyethylene glycols, polyols and/or alkanols.

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